IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): An illumination system ~~consisting of~~ comprising phosphore particles dispersed in a solid, durable matrix ~~while enabling it to~~ wherein the illumination system can be handled by a user.

Claim 2 (Currently Amended): The illumination system as claimed in claim 1, ~~characterized in that~~ wherein the phosphore particles are phosphores within the visible region.

Claim 3 (Currently Amended): The illumination system as claimed in claim 1, ~~or 2, characterized in that~~ wherein the phosphore particles can be excited by electromagnetic radiation in the UV, visible, IR region or by X-rays or by gamma rays, or by a beam of particles (electrons, ions) or by an electric field.

Claim 4 (Currently Amended): The illumination system as claimed in ~~one of the preceding claims, characterized in that~~ claim 1, wherein the matrix is inorganic.

Claim 5 (Currently Amended): The illumination system as claimed in claim 4, ~~characterized in that~~ wherein the matrix comprises lithium silicate.

Claim 6 (Currently Amended): The illumination system as claimed in claim 4, ~~characterized in that~~ wherein the matrix comprises a product of the polymerization/polycondensation of a silicon alkoxide.

Claim 7 (Currently Amended): The illumination system as claimed in ~~one of the preceding claims, characterized in that~~ claim 1, wherein the matrix is in the form of a thin layer adhering to a substrate.

Claim 8 (Currently Amended): The illumination system as claimed in ~~one of the preceding claims, characterized in that~~ claim 1, wherein the phosphore particles are in aqueous suspensions and ~~characterized in that their~~ wherein the phosphore particle size is at most equal to 100 nm~~, preferably 30 nm, preferably 10 nm,~~ and in that the assembly that ~~they~~ the phosphore particles form with the matrix is transparent.

Claim 9 (Currently Amended): The illumination system as claimed in ~~one of claims 1 to 7, characterized in that~~ claim 1, wherein the size of the phosphore particles ~~lies~~ is between 0.5 and 10 μm.

Claim 10 (Currently Amended): The illumination system as claimed in claim 9, ~~characterized in that~~ wherein the matrix comprises particles ~~scattering~~ that scatter visible light.

Claim 11 (Currently Amended): The illumination system as claimed in ~~one of claims 7 to 10, characterized in that~~ claim 7, wherein the substrate is capable of exciting phosphore particles, in particular an electroconductor, in particular of the UV electroluminescent type.

Claim 12 (Currently Amended): The illumination system as claimed in ~~one of claims 7 to 10, characterized in that~~ claim 7, wherein the substrate is capable of emitting radiation with a wavelength in the visible region under suitable excitation.

Claim 13 (Currently Amended): The illumination system as claimed in claim 12, ~~characterized in that~~ wherein the substrate ~~is made of~~ comprises glass with a cerium content capable of emitting blue light under ultraviolet radiation.

Claim 14 (Currently Amended): The illumination system as claimed in claim 7, ~~characterized in that~~ wherein the substrate ~~is made of~~ comprises glass~~, in particular~~ in the form of a sheet, slab, tube, fiber or fabric.

Claim 15 (Currently Amended): The illumination system as claimed in claim 7, ~~characterized in that~~ wherein the substrate ~~is made of~~ comprises plastic.

Claim 16 (Currently Amended): The illumination system as claimed in ~~one of the preceding claims, characterized in that~~ claim 1, wherein the phosphore particles ~~emitting~~ emit different wavelengths of radiation and are associated there with, separated from each other and homogenized, so as to produce light~~, especially white light~~.

Claim 17 (Currently Amended): The illumination system as claimed in ~~one of claims 1 to 15, characterized in that~~ claim 1, wherein the phosphore particles that are identical or emit different wavelengths are associated therewith in variable compositions and/or concentrations, so as to form signs such as written or similar signs, or for ~~any other, especially~~ a decorative purpose, or any other purpose.

Claim 18 (Currently Amended): The application of an illumination system as claimed in ~~one of the preceding claims~~ claim 1 to a transparent device.

Claim 19 (Currently Amended): The application of an illumination system as claimed in ~~one of claims 1 to 17~~ claim 1 to a light-scattering device.

Claim 20 (Currently Amended): The application as claimed in claim 18 ~~or 19~~ to a lamp, in particular a thin one, or to a device illuminating at night, in particular for signs, or for decorative purposes, or to a flat lamp.

Claim 21 (Currently Amended): The application as claimed in ~~one of claims 18 to 20~~ claim 18, to monolithic, laminated, single glazing or multiple glazing designed for buildings, to a transport vehicle, such as an automobile rear window, side window or roof, to any other terrestrial or aquatic vehicle or aircraft, to street furniture, such as a bus shelter, to a road sign or to an advertisement panel, to an aquarium, to a store window, to a glasshouse, to interior furniture, to a mirror, to a screen for a display system of the computer type, to a television, to a telephone, to electrically controllable glazing such as electrochromic glass, to liquid crystals, to electroluminescent material or to photovoltaic glass.